

ABSTRACT

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A system and a method in which there are transponders which execute commands issued by an interrogator. The interrogator sends out interrogation-signals, and a transponder answers with a start signal. The interrogator then modifies its interrogation-signal and this causes the answering transponder to send an identification-signal and the other transponders to be silent for a time period. The interrogator may subsequently send a second modification of the interrogation-signal and a command which causes the other transponders to remain silent for a period of time, and the answering transponder to execute the command. There may follow repeated modified-interrogation-signals and additional commands so that the other transponders remain silent while the answering transponder executes the commands. After a certain time following the last modified-interrogation-signal and executed command the transponders return to the non-silent state. Time is measured by local counters in each transponder.